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PATENT  
P56842

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

YOUNG-UK KO, *et al.*

Serial No.: 10/646,931

Examiner: NGUYEN, HUY D.

Filed: 25 August 2003

Art Unit: 2681

For: METHOD FOR INFORMING MOBILE COMMUNICATION TERMINAL OF  
ENTRANCE INTO SPECIFIC SERVICE NETWORK IN MOBILE  
COMMUNICATION SYSTEM AND METHOD FOR CHANGING INCOMING  
CALL INDICATION MODE TO VIBRATION OR SILENT MODE

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O.Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §1.56, and §§1.97 and 1.98 as amended, Applicant cites, describes, and provides copies of the following art references:

**FOREIGN PATENT REFERENCE:**

- Japanese Patent Publication No. 2000-236578 to Nagata, *et al.*, entitled *PORTABLE TELEPHONE SYSTEM*, published on 29 August 2000 (with English abstract).
- Japanese Patent Publication No. 10-042362 to Mitsuoka, entitled *PORTABLE TELEPHONE SYSTEM*, published on 13 February 1998 (with English abstract).
- Japanese Patent Publication No. 10-023539 to Mitsuoka, entitled *PORTABLE RADIO TELEPHONE SET*, published on 23 January 1998 (with English abstract).
- Japanese Patent Publication No. 08-182037 to Kanai, *et al.*, entitled *PRIVATE PREMISES COMMUNICATION CONTROLLER*, published on 12 July 1996 (with English abstract).

**OTHER DOCUMENTS:**

- Japanese Office action for Japanese Patent Application No. 2003-318928, issued on 7 February 2006.

**DISCUSSION**

**Nagata JP'578**, according to the Japanese Office action in applicant's Japanese patent application Serial No. 2003-318928, discloses that a radio base station sharing a specific predetermined area in a service area shared by a plurality of radio base stations is provided with a specific area signal generating section that generates a signal including specific area information denoting the specific area, a portable telephone terminal is provided with a call section that conducts ringing to call in an audible sense or conducts non-ringing to call in a touch sense or visual sense, a specific area information detection section that detects a specific area from a signal sent from a radio base station, and a call switching section that sets the operation of the call section to the non-ringing operation when the specific area information detection section detects a specific area.

**Mitsuoka JP'362**, discloses that when a base station is installed in an area containing the hospital, transmission inhibition mode information is transmitted and set to the base station from an exchange. When the power of the radio slave machine is supplied, CPU 57 is started and the presence or absence of the reception of position registration data containing transmission inhibition mode information from the base station is judged. When it exists, the radio slave machine recognizes that it enters the radio area containing the hospital, sets a transmission inhibition mode in a memory and displays the effect of transmission inhibition on a display part. In such a case, CPU 57 does not transmit a self ID code to the base station. The base station cannot transmit the IC code of the radio slave machine 5 to the exchange and thus the position of the radio slave machine 5 is not registered. Thus, incoming data is prevented from arriving from the exchange via the base station at the time of the incoming call to the radio slave machine.

**Mitsuoka JP'539**, discloses that a number of a master set and a call reception non-ringer information are stored in advance in a RAM of the main device and a CPU 14 sends to information to the master set when the system is started. Otherwise, instead, a pushbutton telephone set sends information to the main device and also to the master set. Furthermore, when the master set conducts position registration of the slave set, the master set sends the call reception non-ringer information from the main device to the slave set together with position registration data. Upon the receipt of the cell reception non-ringer information, the slave set sets the information to a built-in memory and when the slave set receives call reception data from the master set, the slave set drives a vibrator motor call reception device section without a call reception ringer by a buzzer for call reception indication. Thus, the call reception notice is made depending on a state of the slave set.

**Kanai JP'037**, discloses that when a wired terminal 8 or a member terminal 6 in a private network 1 makes a call to a visitor terminal 7, the terminal 8 or 6 dials a public PHS number of the terminal 7. A PBX 4 retrieves a position registration database 9 of the PBX 4 as to whether or not the public PHS number is a number in existence in the private network 1. When the public PHS number is in existence in the database 9, since the called terminal 7 is in existence in the private network 1, the PBX 4 makes a closing connection of the terminal 7 within the private network 1 not via the public PHS network. When the number is not in existence in the database 9, the PBX 4 makes connection to the public PHS network 3. Thus, when the visitor terminal 7 is in existence in the private network 1, since the connection is not through the public PHS network, the utility charge of the public PHS network is not required.

Pursuant to 37 CFR §1.97(d), the undersigned attorney hereby certifies that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign patent application not more than three (3) months prior to the filing of the statement.

The citation of the foregoing references is not intended to constitute an assertion that other or more relevant art does not exist. Accordingly, the Examiner is requested to make a wide-ranging and thorough search of the relevant art.

No fee is incurred by this Statement.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "R. E. Bushnell", written over a horizontal line.

Robert E. Bushnell

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# INFORMATION DISCLOSURE STATEMENT

PTO-1449 (PAGE 1 OF 1)

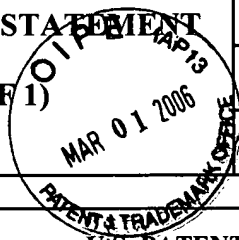
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FILING DATE 25 August 2003

GROUP 2681



## U.S. PATENT DOCUMENTS

EXAMINER	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE

## FOREIGN PATENT DOCUMENTS

## TRANSLATION

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
	JP 2000-236578	08/00	JAPAN			Abstract	
	JP 10-042362	02/98	JAPAN			Abstract	
	JP 10-023539	01/98	JAPAN			Abstract	
	JP 08-182037	07/96	JAPAN			Abstract	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	Japanese Office Action of the Japanese Patent Application No. 2003-318928, mailed on 7 February 2006

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.